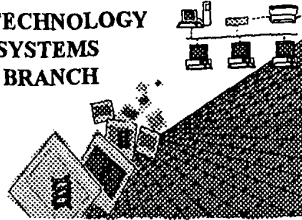


0570
0331

RAW SEQUENCE LISTING **ERROR REPORT**

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/851,674A
Source: OPE
Date Processed by STIC: 4/1/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN ASSISTANCE: e-mail: robert.wax@uspto.gov Telephone: 703-306-4119

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
EFFECTIVE MAY 1, 2003 (via USPS): Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
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Revised 04/01/2003



OIPE

Does Not Comply
Corrected Data Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/851,674A

DATE: 04/01/2003

TIME: 14:10:55

Input Set : A:\EP.txt

Output Set: N:\CRF4\04012003\I851674A.raw

2 <110> APPLICANT: VAIDYANATHAN, AKHILESWAR GANESH
 3 ARGENTAR, DAVID RUBEN
 4 BLOCH, KAREN MARIE
 5 HOLYST, HERBERT ALAN
 6 MOSER, ALLAN ROBERT
 7 ROGERS, WADE THOMAS
 8 UNDERWOOD, DENNIS JOHN
 10 <120> TITLE OF INVENTION: METHOD OF DISCOVERING PATTERNS IN SYMBOL SEQUENCES
 12 <130> FILE REFERENCE: CL-1666 USNA
 14 <140> CURRENT APPLICATION NUMBER: 09/851,674A
 15 <141> CURRENT FILING DATE: 2001-05-09
 17 <160> NUMBER OF SEQ ID NOS: 2
 19 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 47
 24 <212> TYPE: PRT
 25 <213> ORGANISM: Artificial

W--> 27 <220> FEATURE:

W--> 27 <223> OTHER INFORMATION: - explanation for artificial sequence required - see p. 2

W--> 27 <400> 1

28 Glu Cys Gly His His Ala Phe Ser Asp Tyr Gln Trp Val Asp Asp Glu
 29 1 5 10 15
 31 Asn Pro Leu Gln Lys Val Pro Thr Ser Lys Pro Pro Phe Thr Val Gly
 32 20 25 30
 34 Asp Ile Lys Lys Ala Ile Pro Pro His Cys Phe Gln Arg Ser Leu
 35 35 40 45
 38 <210> SEQ ID NO: 2
 39 <211> LENGTH: 54
 40 <212> TYPE: PRT
 41 <213> ORGANISM: Artificial

W--> 43 <220> FEATURE:

W--> 43 <223> OTHER INFORMATION: - Same enva

W--> 43 <400> 2

44 Cys Glu Val Gly Val Val Leu Arg Lys Val Lys Pro Val Ser Lys Val
 45 1 5 10 15
 47 Pro Ile Val Phe Gln Arg Ser Leu Val Pro Thr Pro His Val Leu Arg
 48 20 25 30
 50 Lys Ala Trp Val Cys Val Tyr Glu Ala Gly His His Gln Tyr Trp Phe
 51 35 40 45
 53 Tyr Gly Trp Val Asn Gly
 54 50

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/851,674A

DATE: 04/01/2003
TIME: 14:10:56

Input Set : A:\EP.txt
Output Set: N:\CRF4\04012003\I851674A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

Use of <220> Feature (NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or "Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:1,2

VERIFICATION SUMMARY

DATE: 04/01/2003

PATENT APPLICATION: US/09/851,674A

TIME: 14:10:56

Input Set : A:\EP.txt

Output Set: N:\CRF4\04012003\I851674A.raw

L:27 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213>
ORGANISM:Artificial
L:27 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>
ORGANISM:Artificial
L:27 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:27
L:43 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>
ORGANISM:Artificial
L:43 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>
ORGANISM:Artificial
L:43 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:43